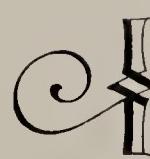
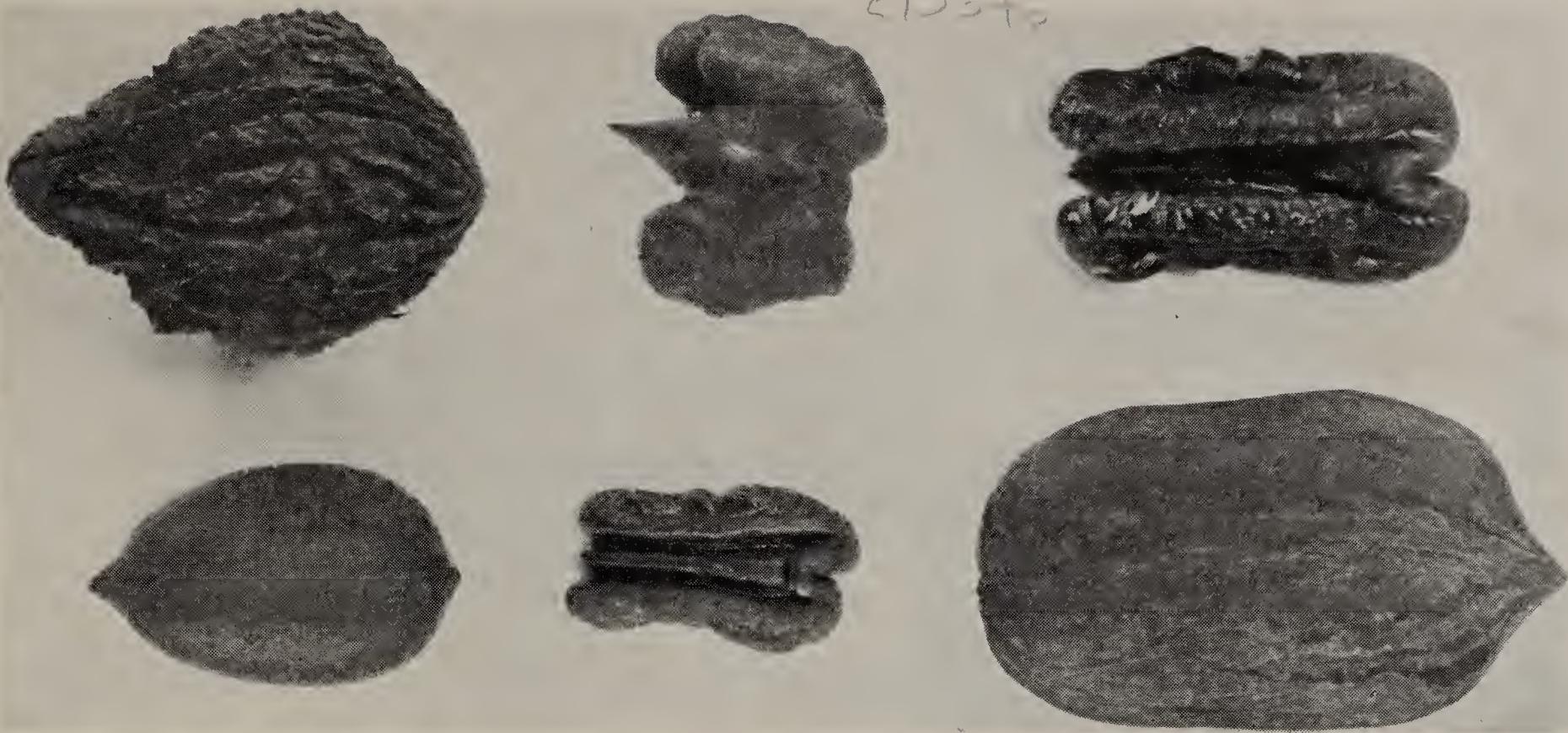


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Stabler black walnut and kernel.
Butterick pecan and kernel.
Large long nut and kernel, McCallister.
These are only 8/9 actual size.

39 years of experiment with nut trees
suitable for cold climates
enables me to recommend to you

- BLIGHT RESISTANT CHESTNUT TREES
Early Bearers
- GRAFTED BLACK WALNUTS
Dignified and Useful Trees—A Good Crop
- GRAFTED HYBRID HICKORIES
Surprising and Beautiful Trees
- HARDY GRAFTED NORTHERN PECANS
Majestic and Fruitful Shade
- GRAFTED ENGLISH WALNUTS
Favorite Since Bible Days

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JUN 1934
Department of Agriculture

J. Russell Smith . *Round Hill, Virginia*

Have Fun, Nuts and Beauty from Your Shade Trees

THIRTY-NINE YEARS Ago I planted my first nut trees in Loudoun County, Virginia, in the Blue Ridge Country, in a climate colder than that of Philadelphia. Those first trees soon died, but I now know the reason why. You can profit by my experience.

I am having great fun with nut trees.

Last year was an interesting year in the nursery and experiment grounds.

On the Blue Ridge Mountain, not far from the historic town of Harpers Ferry, at elevations of 800 to 1300 feet, I ripened in this one season:

1. Six varieties of Northern Pecans
2. Seven varieties of Hybrid Hickories
3. Two varieties of Grafted Shagbarks
4. Five varieties of Grafted Black Walnuts
5. About twenty varieties of blight resistant chestnuts

The most surprising thing was the number of grafted pecans and hickories that ripened nuts in the nursery row—many 8-10 ft. Busseron Pecans and some Buttericks and several other varieties.

All of these nursery trees that bore have been carefully marked, and those that I do not keep for scion wood and my own orchards will be sold at 50 per cent advance over list prices.

I have been experimenting with *northern* Pecans for more than twenty years. They are as hardy as hickories and bear delicious nuts. They are also beautiful trees and will make your place a landmark.

My first chestnut orchard died with the blight but I have hundreds of blight resistant Chinese chestnut trees coming and they are early bearers.

The grafted American Black Walnuts are so promising that I have a field of them.

The hybrid Hickories are the real astonishment. Some of them bear earlier than apples. Some of them grow as fast as maples, three or four feet in a year, and are more beautiful trees than maples. One of these hybrids, the McCallister, bears larger nuts than any Southern Pecan.

As a result of my thirty-nine years of experiments I have a few proved varieties for sale.

Blight Resistant Chinese Chestnut Trees

These trees are grown from large, sweet chestnuts of flavor resembling the native American chestnut. They have been exposed to blight in China for an unknown period. Therefore they have developed high resistance to the blight. They will grow 2 or 3 feet or even more per year if well fertilized. You should have at least two trees for cross fertilization.

Trees will grow to the size of an apple tree.

I have just a few grafted Chinese chestnuts.

Chinese Chestnut described more fully in booklet, which will be sent on request.

Grafted Black Walnuts

The propagated varieties have been selected because they come out of the shell easily. This is the result of wide search for unusual trees of the native species.

We have a limited supply of grafted black walnut trees of the Thomas and Stabler and Ohio varieties. These are native American black walnuts. The Thomas has the following characteristics:

(1) It grows about twice as fast as an apple tree.

(2) It bears as soon as most apple trees. I have had large-size Thomas walnut trees to bear a few nuts the year after setting out. This, however, is unusual.

(3) Most of the kernels come out of

the shells in whole quarters, about ten pounds of kernels to the bushel.

(4) The kernels are of unusually fine flavor.

(5) The tree has proved hardy and fruitful in southern Ontario, at Ithaca, New York, southern Vermont, in Iowa and in west central Texas. A grower at Clyde, Texas, reports eight consecutive crops. May be expected to bear as often as wild walnut trees bear, and oftener if well fertilized. The black walnut loves food.

The Stabler is not so rapid a grower, but most of the kernels come out in complete halves, and some of the nuts of this remarkable tree yield the kernel in one piece. The tree is also a very beautiful ornamental with a distinct topical appearance.

The Ohio is a very vigorous tree, and a sort of compromise between the Thomas and Stabler.

Grafted Hybrid Hickories

I can now offer some genuine hybrids. *Fairbanks*, a native of Iowa. This tree is the beginner's joy. It bears early and regularly. It is a beautiful, rapid-growing tree. I have one top worked on a pignut in a rocky pasture and it has not missed bearing in the last 11 years.

Stratford. Also a native of Iowa promises to be as prolific as Fairbanks and even more precocious. One tree bore last year in nursery the year after it was grafted and they often bear in the woods the second year after grafting on to wild trees. Kernels come out in complete halves.

Pecan Shellbark Hybrids—Hiccans

Burlington comes from a huge and beautiful tree near Burlington, Iowa. A rapid grower, beautiful foliage, worth planting for shade alone. Has ripened nuts at Ithaca, New York, and is hardy at Minneapolis on pecan roots; that is the kind we sell. The flavor of these nuts is very moreish.

McCallister. The original tree grew in southern Indiana. The nuts of this variety are regularly more than two inches long, much larger than any Southern pecan. Like many hybrids it is a very rapid grower. Has beautiful glossy foliage and is a charming shade tree. I cannot recommend it as a heavy bearer although there is a record of a bushel of nuts from a ten year old tree—

Various nurseries are selling Southern varieties in the North at a low price. Most of them are good only for shade if north of the Cotton Belt. The trees may be hardy but the nuts will not ripen.

Also, many nurseries are selling *seedling* pecan trees. They are all right for shade, but the nuts will probably be few, small and very late in coming. Some will be bitter and the meat will be held tight by convolutions of the shell.

Advise purchase of at least one *Busseron* and one *Butterick*, as they are known to fertilize each other. The *Kentucky* is known as the best pollinator of all the many varieties that we have tested. I have had nearly a hundred *Busseron* pecan trees, 8 to 10 feet high, bearing nuts in the nur-



well fed. Most people with room will want a tree that is so unique as this king of all the known hickory species or varieties.

Grafted Shagbark

Just a few trees of the *Brooks*, a native of West Virginia. This tree is proving to be a good bearer.

Hardy Grafted Northern Pecans

George Washington planted pecans, which he called "Illinois nuts" at Mt. Vernon. His trees are still going strong, but I can sell you *much* better ones than he had. Weeks have been spent searching the woods of the Ohio Valley for the best varieties. As a result we now have fine flavored, thin-shelled pecans from Indiana and Illinois. Hardy in corn country and ripen where dent corn ripens. They have produced good crops at Lewisburg, Pa. You can crack them in your hands. Meats in complete halves. Flavor as good as or better than that of the best Southern pecans. Beautiful, towering, gigantic trees. Illustrated booklet about "Pecans in the North" on request.

sery rows. If well fed these nothern pecans will grow $1\frac{1}{2}$ to 3 feet per year after getting established. Try one of each.

Grafted English (Persian) Walnuts

Wilts-Mayette the variety picked out of many thousands as being the best for the eastern part of the United States. Its quality is quite the equal of any nuts that you can buy in the store. Grafted on native black walnut roots. Do not buy any English walnut trees unless you are willing to give the trees a little lime, a half bushel of wood ashes will do the trick. Without lime they will probably die; with it (and good food) they will grow rapidly. Do not cultivate or fertilize after June 1st. Give wood an extra good chance to harden or you will probably have winter killing.

Care of Trees

Nut trees have great root systems. It is certainly true that young hickories and pecans have *more root than top*. If you had *all* the roots of such a tree you would need a well in which to plant it. Trans-

planting such trees is an act of violence at best. The tops should be reduced to match the reduction of roots. Therefore I trim all trees unless buyer especially requests otherwise. I also wax the tops, which gives transplanting a higher percentage of success.

We beg that the trees be protected by 3 or 4 foot radius of straw, strawy manure or paper mulch for the first two years and watered if drought comes. It is really scandalous the way some people will pay good money for trees and then kill the trees by neglect. I want your trees to grow.

PRICES OF TREES

(F. O. B. Railway Express office, Round Hill, Virginia)

CHINESE CHESTNUT

	3-4 ft. Each	3-4 ft. Ten	4-6 ft. Each	4-6 ft. Ten	6-8 ft. Each	6-8 ft. Ten	8-10 ft. Each
Molissima—seedling trees	\$1.50	\$12.50	\$2.50	\$20.00	\$4.00		
Grafted trees	5.00		only a very few available				

BLACK WALNUT

Thomas	2.00	16.00	2.75	22.50	4.00	35.00	10.00
Stabler	2.00	16.00	2.75	22.50	4.00	35.00	
Ohio	2.00	16.00	2.75	22.50	4.00	35.00	

ENGLISH WALNUT

Wiltz-Mayette		3.00	25.00
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HYBRID HICKORY

McCallister	2.50	20.00	3.50		5.00	
Burlington (Marquardt)	2.50	20.00	3.50	30.00	6.00	50.00
Stratford	2.50	20.00	3.50	30.00	6.00	50.00
Fairbanks	2.50	20.00	3.50	30.00	6.00	50.00

NORTHERN PECAN

Busseron	2.50	20.00	3.50	35.00	5.00	10.00
Butterick	2.50	20.00	3.50	35.00	5.00	10.00
Kentucky	2.50	20.00	3.50	35.00	5.00	10.00

SHAGBARK

Brooks	2.50	20.00	3.50
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Address and make checks payable to
SUNNY RIDGE NURSERY, ROUND HILL, VA.

Graft Your Own Nut Trees

It is easy, but it requires a special technique. Send 25c in stamps for illustrated booklet telling just how to do it. Address: *Walnut Lane Press, Swarthmore, Pa.*

Tree Crops—A Book you want.

If you love trees or land, and own any land you will be interested, pleased and surprised at the things you will learn from this book. Tells about nut culture and other trees. If you are not pleased send the book back in good order within ten days and get your money back.

Walnut Lane Press, Swarthmore, Pa.